

Simlat Delivered a UAS Simulation Classroom to the Aviation Science Program at ECSU

Simlat has delivered its IMPACT classroom solution to the Aviation Science Program at Elizabeth City State University.



Figure 1 – Simlat IMPACT system at ECSU

October 23rd, 2018 – Simlat has delivered its IMPACT system to Elizabeth City State University’s Aviation Science Program. IMPACT, a UAS simulation classroom, is widely used across academic UAS programs and training centers. The delivery includes three add-on civil UAS simulation applications; wind turbines inspection, power lines inspection and anti-poaching operations, providing ECSU with the ability to create various simulation scenarios and missions.

Elizabeth City State University’s drone operation laboratory, which opened in July of 2016, focuses on providing UAS operators and entrepreneurs the necessary skills needed to obtain FAA certification. Dr. Kuldeep Rawat, Dean of Science, Mathematics and Technology and the Director of Aviation, stated that ECSU currently operates various UAS platforms including senseFly eBee (Ag and RTK), senseFly Albris, Aeromapper EV, DJI Matrice, DJI Inspire, and Yuneec Typhoon as a part of the UAS-related course offerings and faculty research. “Simlat’s IMPACT will assist in reaching the lab’s objectives by allowing the operation of five different simulated platforms in an authentic environment,” said Rawat. IMPACT supports frontal instruction, courses and training activities as well as curriculum planning and development and performance analysis of training sessions.

ECSU Aviation is developing a comprehensive UAS program that will include Education/Workforce Development, Applied Research, and Outreach. The university is expected to begin offering a B.S. degree in Unmanned Aircraft Systems in Fall 2019. Rawat said that the program is receiving a lot of

interest from prospective students. “We will continue our partnership with Simlat to offer state-of-the-art, high-fidelity training simulators to our students,” he said.

About ECSU –

ECSU, located in Elizabeth City, NC, is one of the 17 constituent institutions of the University of North Carolina (UNC) System. ECSU offers baccalaureate, professional, and master's degrees for a diverse student body. The university offers state's only 4-year collegiate Aviation Degree program. ECSU has been ranked #2 by U.S. News and World Report's 2016 and 2017 edition of Best Colleges in the publication's category of Top Public Schools (Regional Colleges in the South). At ECSU, through the N.C. Promise Tuition Program, launched in the fall of 2018, in-state tuition is reduced to \$500 a semester, and out-of-state tuition to \$2,500 a semester, making education even more affordable for all ECSU students.

To learn more about ECSU and the N.C. Promise Program, please visit www.ecsu.edu.

About Simlat –

Simlat is a leading provider of next generation training systems for Unmanned Aerial Systems (UAS). Simlat's turnkey solutions enable training in various configurations accustomed to any platform, payload and mission that support commercial, civil and military applications. Simlat's systems are available as stand-alone or integrated to autopilots, control stations and exploitation software.

Since 2012, Simlat's products have become widely used in various universities, colleges and training centers thanks to their versatile capabilities, training value and ease of use and maintenance.

Simlat supports over 100 UAS programs & training centers in 30 countries.

To learn more about Simlat, please visit www.simlat.com